

SEQ ID NO.1FIG.1 a

| | |
|--|-----------------------|
| GAATTCCCCAACAGAGCCAAGCTCTCCATCTAGTGGACAGGGAAGCTAGCAGCAAACC | 59(UPPER:SEQ ID NO:1) |
| | 19(LOWER:SEQ ID NO:1) |
| TTCCCTTCACTACAAAACCTTCATTGCTTGGCAAAAAGAGAGTTAATTCAATGTAGACAT | 119 39 |
| CTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTGCATTCATGGAGGGCAAC | 179 59 |
| TAAATACATTCTAGGACTTTATAAAAGATCACTTTTATTTATGCACAGGGTGGAACAAAG | 239 79 |
| ATCGATTATCAAGTGTCAAGTCCAATCTATGACATCAATTATTATACATCGGAGCCCTGC | 299 99 |
| M D Y Q V S S P I Y D I N Y Y T S E P C | |
| C A AAAATCAATGTGAAGCAAATCGCAGCCCGCCTCCTGCCTCCGCTCTACTCACTGGTG | 359 |
| Q K I N V K Q I A A R L L P P L Y S L V | 119 |
| TC G ATCTTGGTTTGTGGCAACATGCTGGTCATCCTCATCCTGATAAAACTGCAAAGG | 419 |
| F Q I F G F V G N M L V I L I L I N C K R | 139 |
| CT G AAAGAGCATGACTGACATCTACCTGCTAACCTGCCATCTGACCTGTTTCTCCTT | 479 |
| L K S M T D I Y L L N L A I S D L F F L | 159 |
| CT G TA T CTGCCCCTCTGGGCTCACTATGCTGCCGCCAGTGGACTTTGGAAATACAATG | 539 |
| T V P F W A H Y A A A Q W D F G N T M | 179 |
| TG C CAACTCTTGACAGGGCTCTATTATAGGCTTCTCTGGAATCTTCTTCATCATC | 599 |
| Q L L T G L Y F I G F F S G I F F I I | 199 |
| CT C CTGACAATCGATAGGTACCTGGCTGTCGTCCATGCTGTGTTGCTTAAAGCCAGG | 659 |
| L L T I D R Y L A V V H A V F A L K A R | 219 |
| ACGGTCACCTTGCGGTGGTGACAAGTGTGATCACTGGGTGGCTGTGTTGCGTCT | 719 |
| T V T F G V V T S V I T W V V A V F A S | 239 |
| CT CCC CAGGAATCATCTTACCAAGATCTAAAAAGAAGGTCTTCATTACACCTGCAGCTCT | 779 |
| L P G I I F T R S Q K E G L H Y T C S S | 259 |
| CATTTTCCATACA | |
| H F P Y | |

59(UPPER SEQ 1) NO.2
19(BWEL SEQ 1) NO.5

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| GAATTCCCCAACAGAGCCAAGCTCTCATCTAGTGGACAGGGAAAGCTAGCAGCAAAACC | |
| TTCCCTTCACTACAAAACCTCATGCTGGCCAAAAAGAGAGTTAATTCAATGTAGACAT | 119 39 |
| CTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTGCATTATGGAGGGCAAC | 179 59 |
| TAAATACATTCTAGGACTTTATAAAAGATCACTTTTATTTATGCACAGGGTGGAACAAAG | 239 79 |
| ATGGATTATCAAGTGTCAAGTCCAATCTATGACATCAATTATTATACATCGGAGCCCTGC | 299 99 |
| M D Y Q V S S P I Y D I N Y Y T S E P C | |
| CAAAAATCAATGTGAAGCAAATCGCAGCCCGCCTCCTGCCTCCGCTCTACTCACTGGTG | 359 119 |
| Q K I N V K Q I A A R L L P P L Y S L V | |
| TTCATCTTGGTTTGTGGC A CATGCTGGTCATCCTCATCCTGATAAAACTGCAAAAGG | 419 139 |
| I F G F V G N M L V I L I L I N C K R | |
| CTGAAGAGCATGACTGACATCTACCTGCTAACCTGCCATCTCTGACCTGTTTCTCCTT | 479 159 |
| E K S M T D I Y L L N L A I S D L F F L | |
| CTACTGTCCCCTCTGGGCTCACTATGCTGCCGCCAGTGGACTTTGGAAATAACAATG | 539 179 |
| T V P F W A H Y A A A Q W D F G N T M | |
| CTCAACTCTTGACAGGGCTCTATTTATAGGCTTCTCTGGAAATCTTCTTCATCATC | 599 199 |
| Q L L T G L Y F I G F F S G I F F I I | |
| CTCCTGACAATCGATAGGTACCTGGCTGTCGTCCATGCTGTGTTGCTTTAAAGCCAGG | 659 219 |
| L L T I D R Y L A V V H A V F A L K A R | |
| ACGGTCACCTTGGGTGGTGACAAGTGTGATCACTGGGTGGCTGTGTTGCGTCT | 719 239 |
| T V T F G V V T S V I T W V V A V F A S | |
| CTCCCCAGGAATCATCTTACCAAGATCTAAAAAGAAGGTCTTCATTACACCTGCAGCTCT | 779 259 |
| L P G I I F T R S Q K E G L H Y T C S S | |
| CATTTTCCATACAGTCAGTATCAATTCTGGAAGAATTCCAGACATTAAAGATAGTCATC | 839 279 |
| H F P Y S Q Y Q F W K N F Q T L K I V I | |

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| TTGGGGCTGGTCTGCCGCTGCTTGTCAATGGTCATCTGCTACTCGGAATCCTAAAAACT | 899 |
| L G L V L P L L V M V I C Y S G I L K T | 299 |
| CTGCTTCGGTGTCAAAATGAGAAGAAGAGGCACAGGGCTGTGAGGCTATCTCACCATC | 959 |
| L L R C R N E K K R H R A V R L I F T I | 319 |
| ATGATTGTTATTTCTCTGGCTCCCTACAACATTGTCCTCTCCTGAACACCTTC | 1019 |
| M I V Y F L F W A P Y N I V L L L N T F | 339 |
| CAGGAATTCTTGCCCTGAATAATTGAGTAGCTCTAACAGGTTGGACCAAGCTATGCAG | 1079 |
| Q E F F G L N N C S S S N R L D Q A M Q | 359 |
| GTGACAGAGACTCTGGGATGACGCACTGCTGCATCAACCCCACATCTATGCCTTGTC | 1139 |
| V T E T L G M T H C C I N P I I Y A F V | 379 |
| GGGGAGAAGTTAGAAAACCTACCTCTTAGTCTTCTTCCAAAAGCACATTGCCAACGCTTC | 1199 |
| G E K F R N Y L L V F F Q K H I A K R F | 399 |
| TGCAAATGCTGTTCTATTTCCAGCAAGAGGGCTCCGAGCGAGCAAGCTCAGTTACACC | 1259 |
| C K C C S I F Q Q E A P E R A S S V Y T | 419 |
| CGATCCACTGGGGAGCAGGAAATATCTGTGGCTTGTGACACGGACTCAAGTGGCTGGT | 1319 |
| R S T G E Q E I S V G L * | 439 |
| GACCCAGTCAGAGTTGTGCACATGGCTTAGTTTACACACGCCTGGCTGGGGTNNG | 1379 |
| * | 459 |
| TTCNNNGAGGTCTTTTAAAGGAAGTTACTGTTATAGAGGGCTAAGATTCCATT | 1439 |
| * | 479 |
| TATGGCATCTGTTAAAGTAGATTAGATCCGAATT | |
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SEQ ID NO.2 (SUITE)

FIG.1c

59(UPPER:SEQ ID) & 59
19(LOWER:SEQ ID) & 6

| | |
|--|-----|
| GAATTCCCCAACAGGCCAAGCTCTCCATCTAGTGGACAGGGAAGCTAGCAGCAAACC | 119 |
| TTCCCTTCACTACAAAACCTTCATTGCTGGCCAAAAGAGAGTTAATTCAATGTAGACAT | 39 |
| CTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTGCATTCATGGAGGGCAAC | 179 |
| TAAAATACATTCTAGGACTTTATAAAAGATCACTTTTATTTATGCACAGGGTGGAACAAG | 239 |
| ATGGATTATCAAGTGTCAAGTCCAATCTATGACATCAATTATTATACATCGGAGCCCTGC | 299 |
| M D Y Q V S S P I Y D I N Y Y T S E P C | 99 |
| CAAAAAAATCAATGTGAAGCAAATCGCAGCCCGCTCCTGCCTCCGCTCTACTCACTGGTG | 359 |
| G K I N V K Q I A A R L L P P L Y S L V | 119 |
| TTCATCTTGGTTTGTGGGCAACATGCTGGTCATCCTCATCCTGATAAAACTGCAAAAGG | 419 |
| I F G F V G N M L V I L I L I N C K R | 139 |
| CTGAAGAGCATGACTGACATCTACCTGCTAACCTGGCCATCTCTGACCTGTTTCTT | 479 |
| K S M T D I Y L L N L A I S D L F F L | 159 |
| CTTACTGTCCCCTCTGGGCTCACTATGCTGCCGCCAGTGGACTTTGAAATACAATG | 539 |
| Q T V P F W A H Y A A A Q W D F G N T M | 179 |
| TGTCAACTCTTGACAGGGCTCTATTATAGGCTTCTCTGGAATCTTCTTCATCATC | 599 |
| Q L L T G L Y F I G F F S G I F F I I | 199 |
| CTCCTGACAATCGATAGGTACCTGGCTGTCGTCCATGCTGTGTTGCTTAAAAGCCAGG | 659 |
| L L T I D R Y L A V V H A V F A L K A R | 219 |
| ACGGTCACCTTGGGTGGTACAAGTGTGATCACTGGGTGGCTGTGTTGCGTCT | 719 |
| T V T F G V V T S V I T W V V A V F A S | 239 |
| CTCCCCAGGAATCATCTTACCAAGATCTAAAAAGAAGGTCTTCATTACACCTGCAGCTCT | 779 |
| L P G I I F T R S Q K E G L H Y T C S S | 259 |
| CATTTTCCATACATTAAAGATAGTCATCTGGGGCTGGTCCTGCCGCTGTTGTATGGT | 839 |
| H F P Y I K D S H L G A G P A A A C H G | 279 |

SEQ ID NO.3FIG.1d

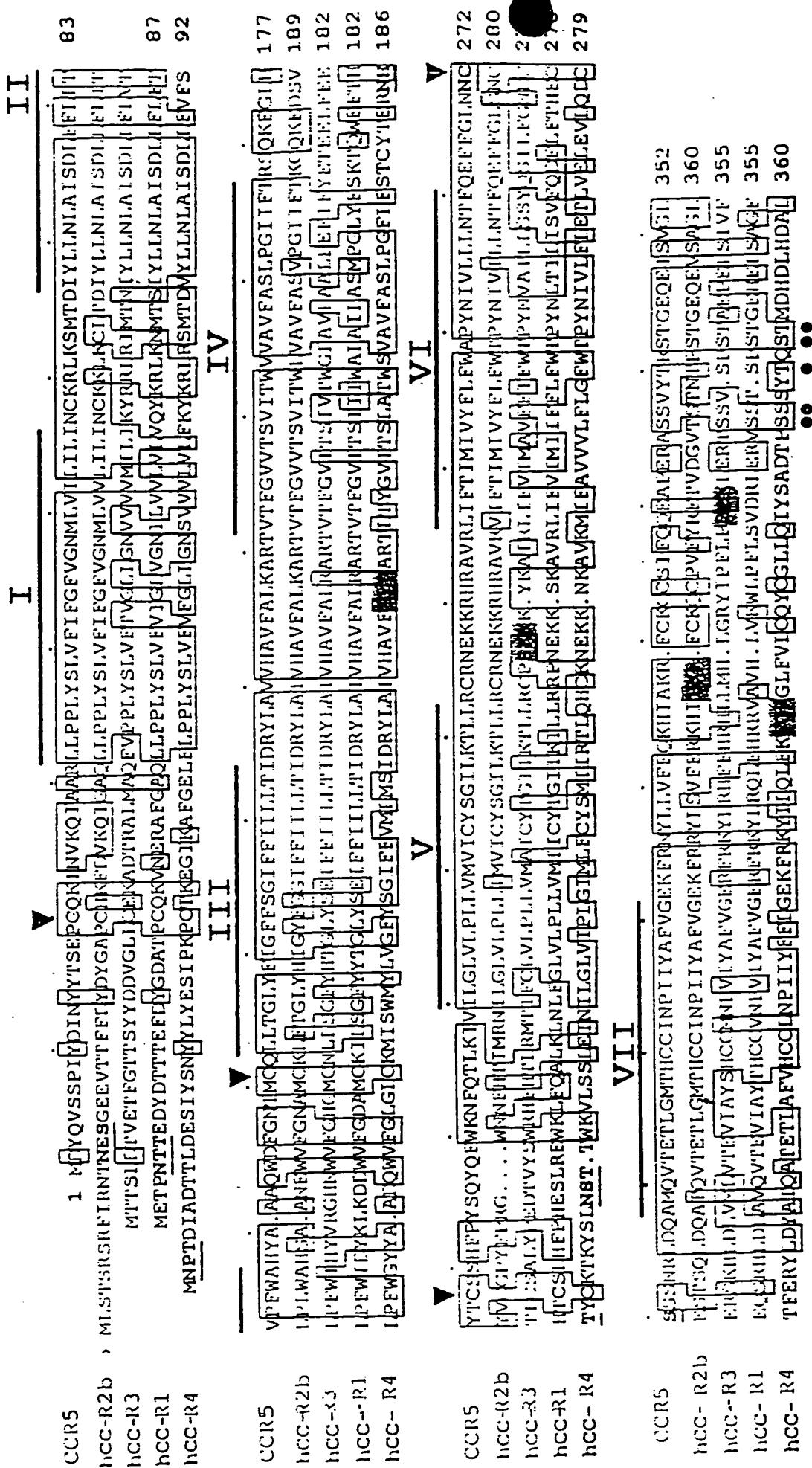
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|---|-------------|
| CATCTGCTACTCGGGAACTCCTAAAAACTCTGCTTCGGTGTCAAATGAGAAGAAGAGGCA H L L L G N P K N S A S V S K * | 899 299 |
| CAGGGCTGTGAGGCTTATCTTCACCATCATGATTGTTATTTCTCTGGGCTCCCTA | 959 319 |
| CAACATTGTCCTCTCCTGAACACCTCCAGGAATTCTTGGCCTGAATAATTGCAGTAG | 1019 339 |
| CTCTAACAGGTTGGACCAAGCTATGCAGGTGACAGAGACTCTGGGATGACGCACGTGCTG | 1079 359 |
| CATCAACCCCACATCATCTATGCCTTGTGGGGAGAAGTCAGAAACTACCTCTTAGTCTT | 1139 379 |
| CTTCCAAAAGCACATTGCCAACGCTTCTGCAAATGCTGTTCTATTTCCAGCAAGAGGC | 1199 399 |
| TCCCGAGCGAGCAAGCTCAGTTACACCCGATCCACTGGGAGCAGGAAATATCTGTGGG D Q | 1259 419 |
| CTTGACACGGACTCAAGTGGCTGGTGACCCAGTCAGAGTTGTGCACATGGCTTAGTT | 1319 439 |
| W TTCATACACAGCCTGGCTGGGGTNGGTTGGNNAGGTCTTTAAAGGAAGTTACT | 1379 459 |
| GTTATAGAGGGTCTAAGATTCCATTATTTGGCATCTGTTAAAGTAGATTAGATCC | 1439 479 |
| D GATTC E D P | |

SEQ ID NO.3 (SUITE)

FIG.1e

ପ୍ରକାଶନ କମିଶନ୍ ଓ ପ୍ରକାଶକ ।

FIG. 2



ପ୍ରକାଶକ ଓ ମାଲିକ "ଶ୍ରୀଜନେଶ ଚନ୍ଦ୍ର

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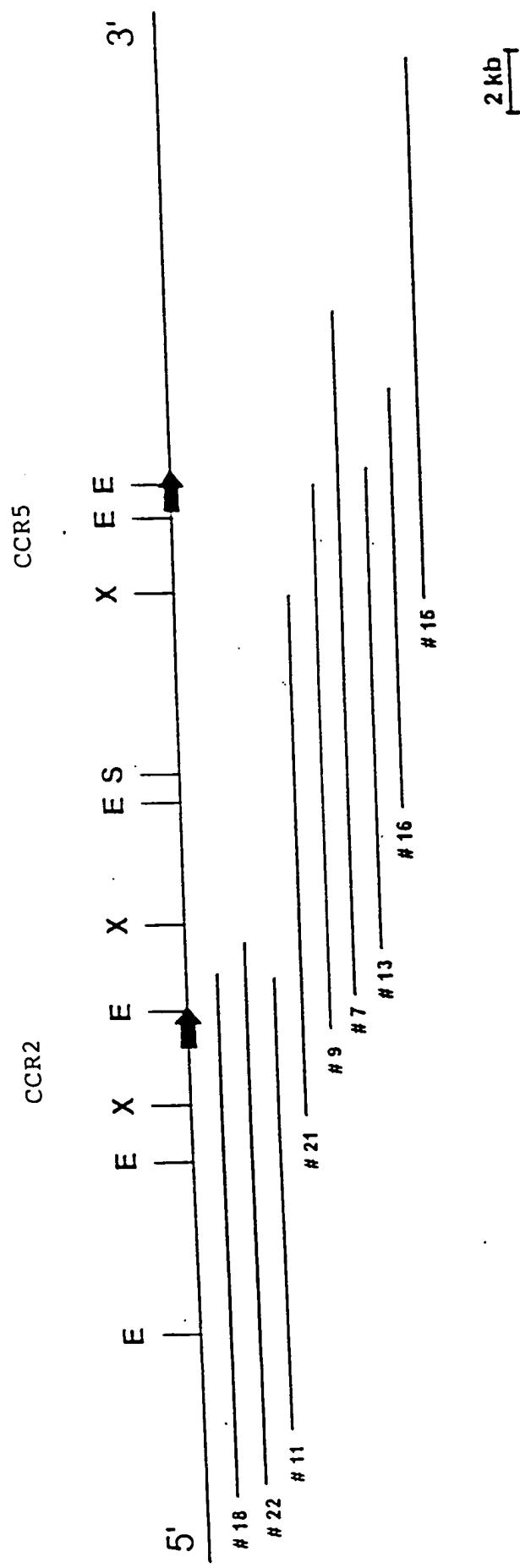


FIG. 3

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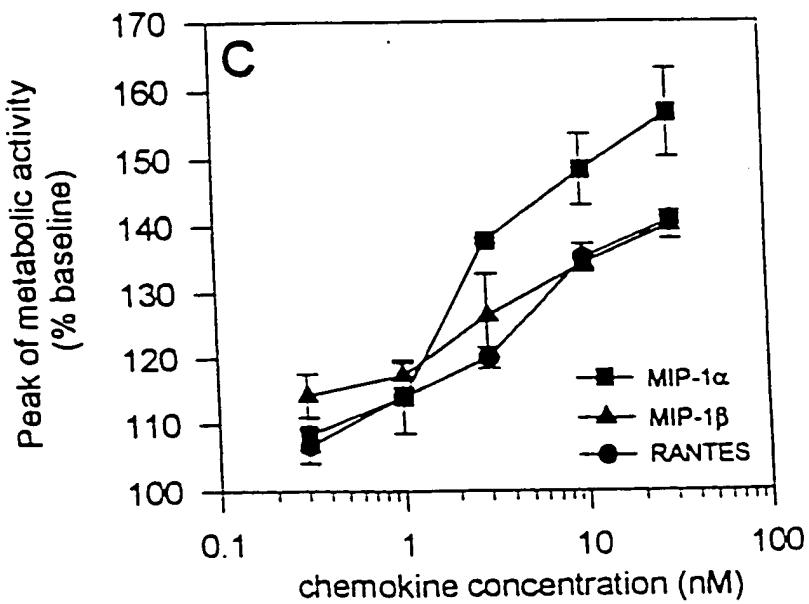
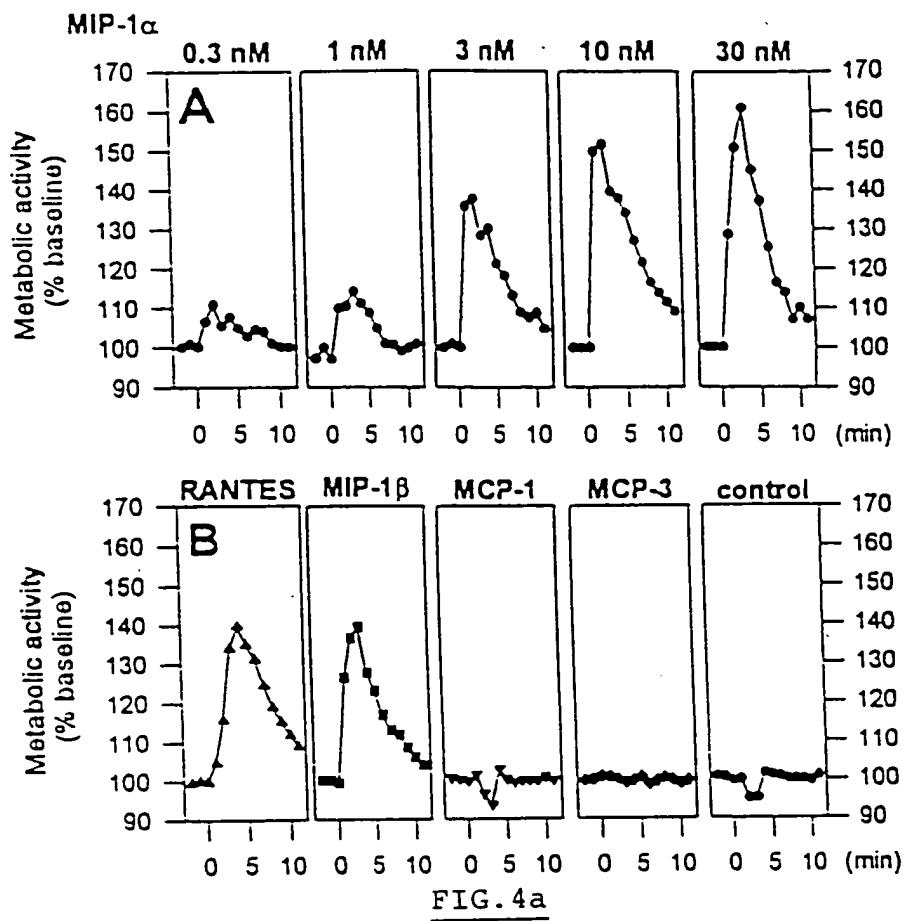


FIG. 4b

ફોન્ડેશન "એક્સ્પેર્સ એન્ડ રેલ્ફ

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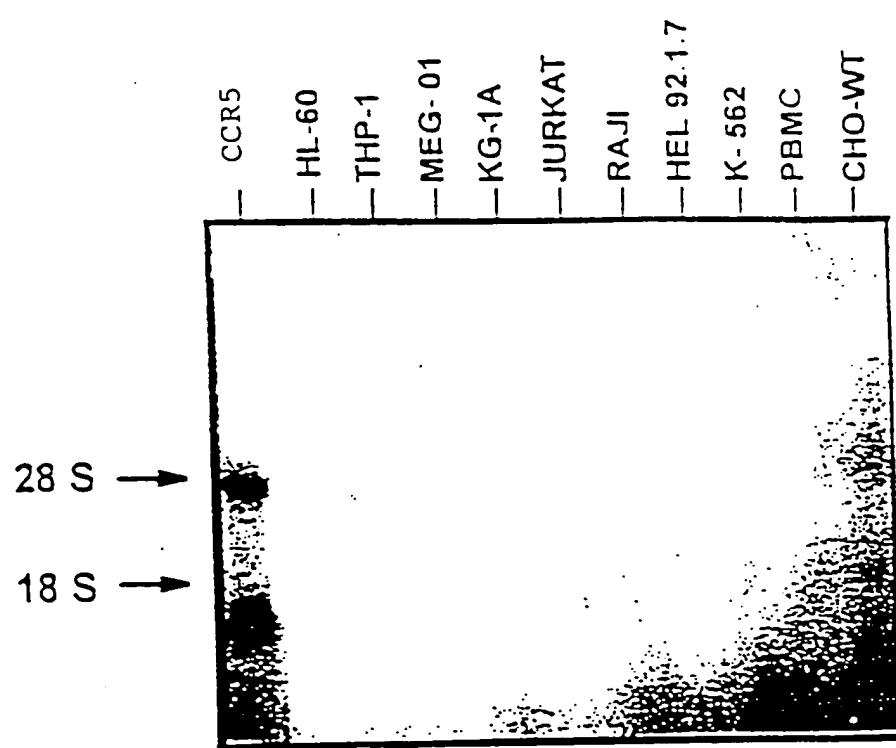


FIG.5

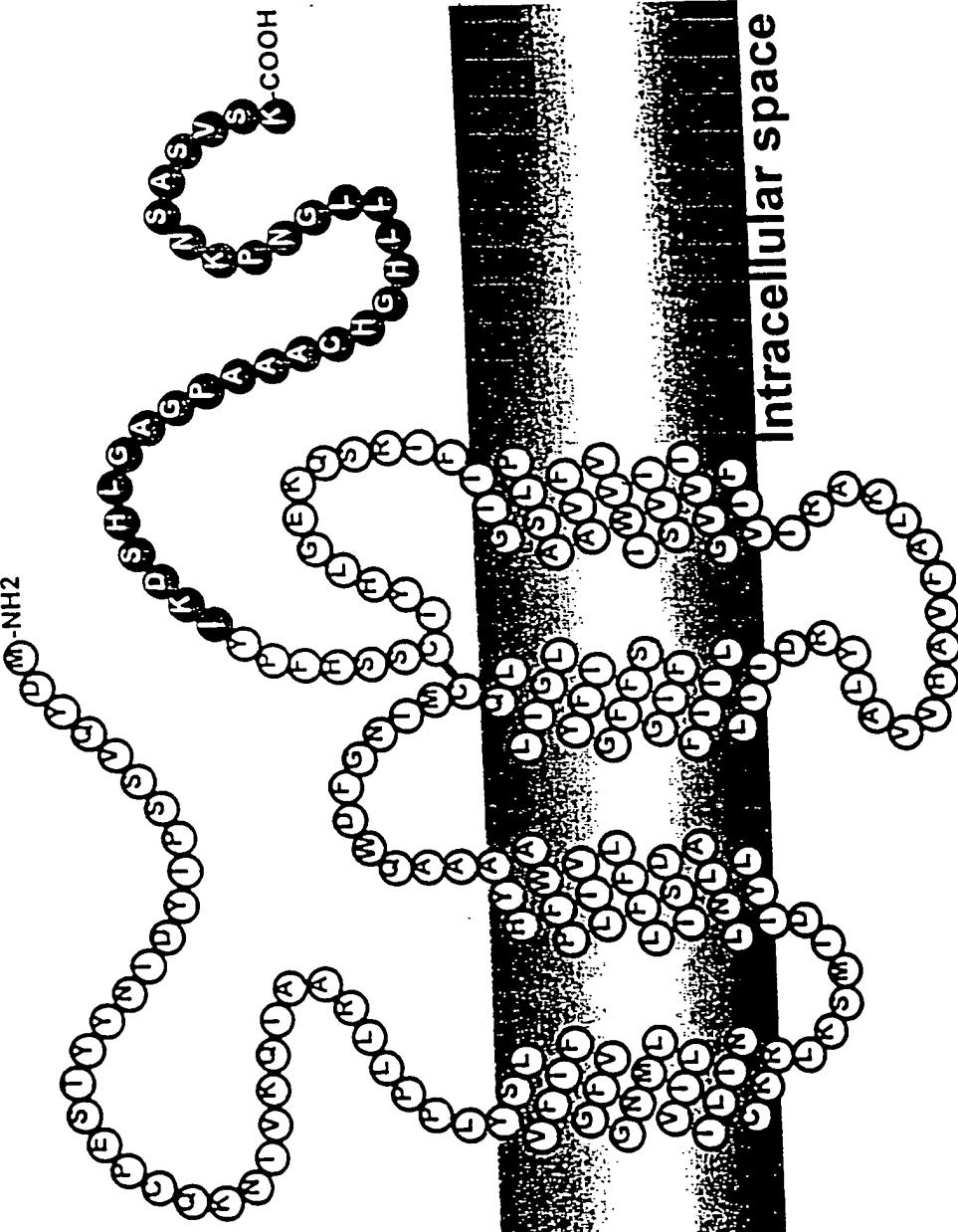


FIG. 6

b

CCR5 F P Y S Q Y Q F W K N F Q T L K I V I L G L V L P
TTTCCATAGtcagtcattctggaattcgactTAGATGTCTGGCC
ΔCCR5 F P Y deletion

CCR5 L L V M V I C Y S G I L K T L R C R N E K K R
CTGCTGTCATCTGGTACTGCTTCGGAATGAGAGG
ΔCCR5 A A C H G H L L G N P K N S A S V S K *

A.

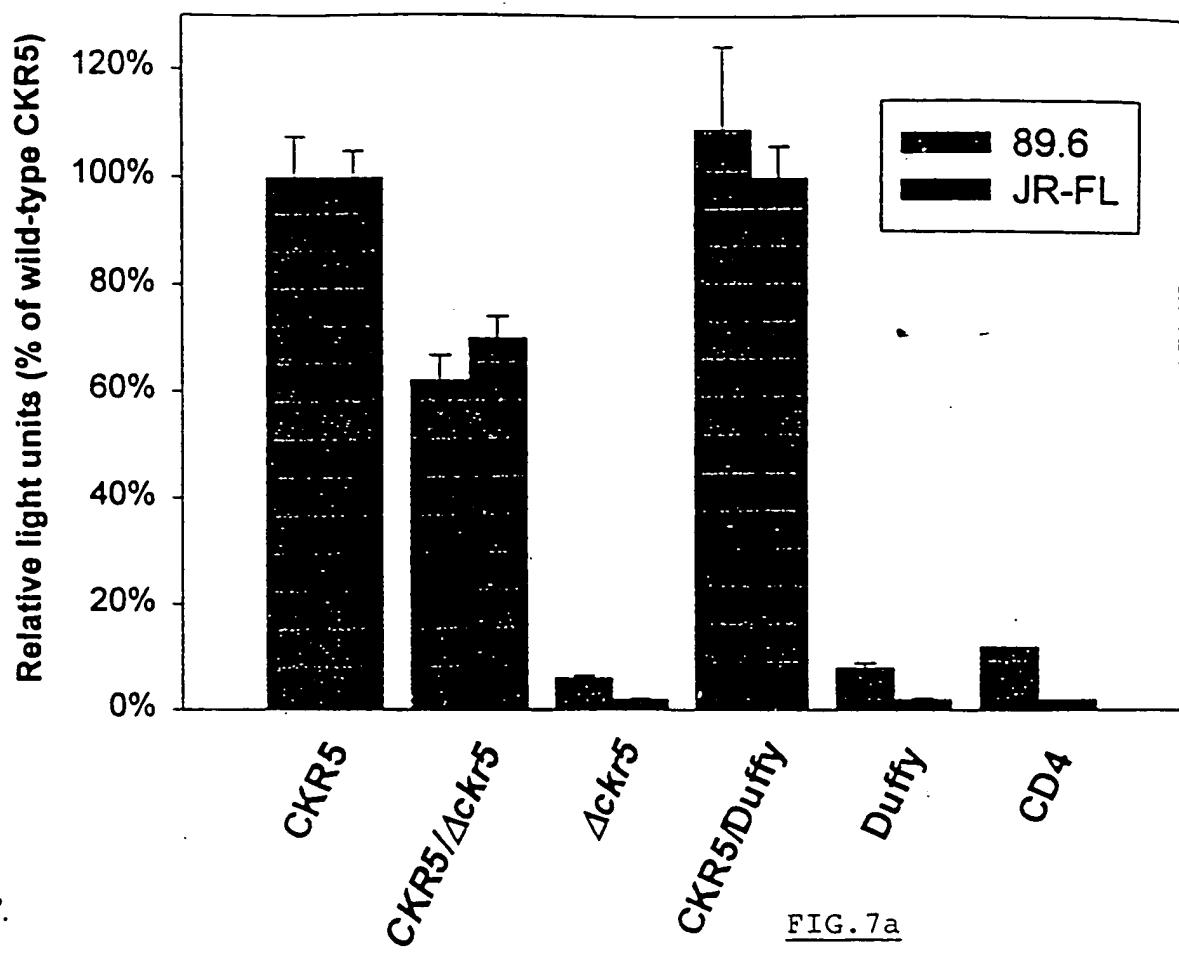


FIG. 7a

B.

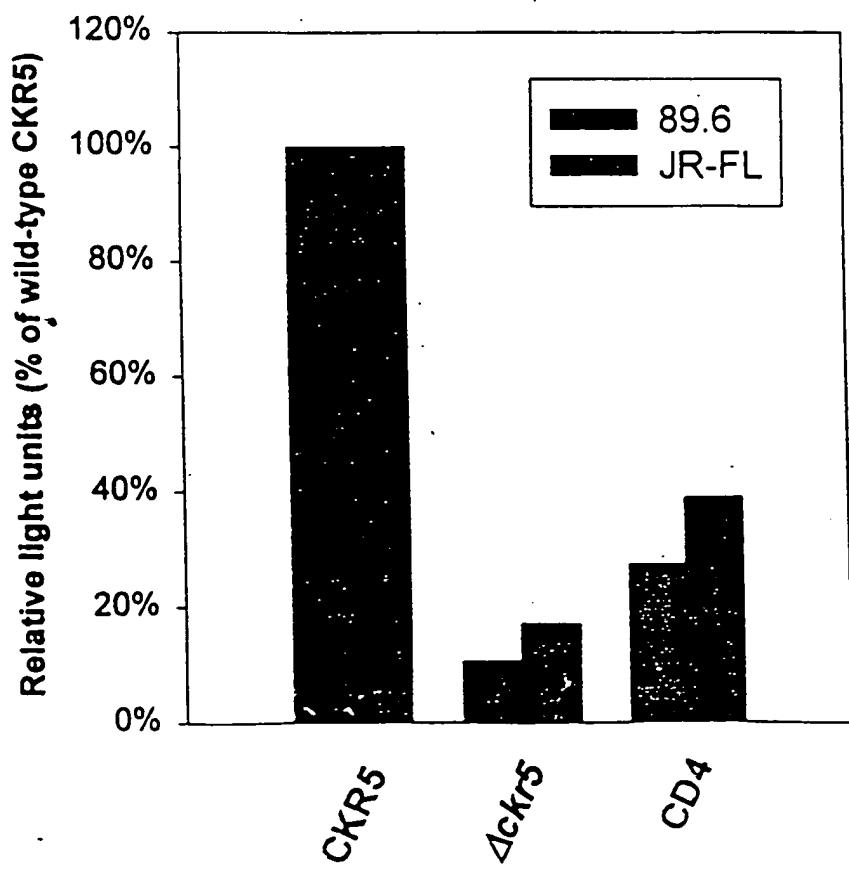


FIG. 7b

080-2263590-0

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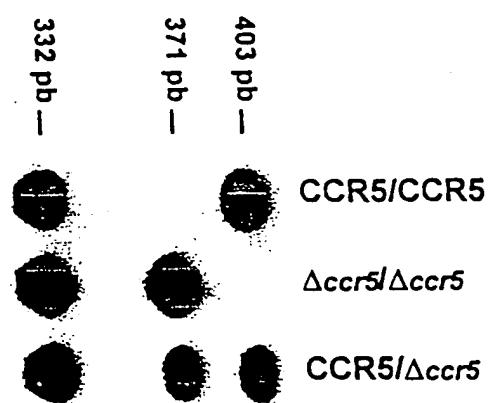


FIG. 8

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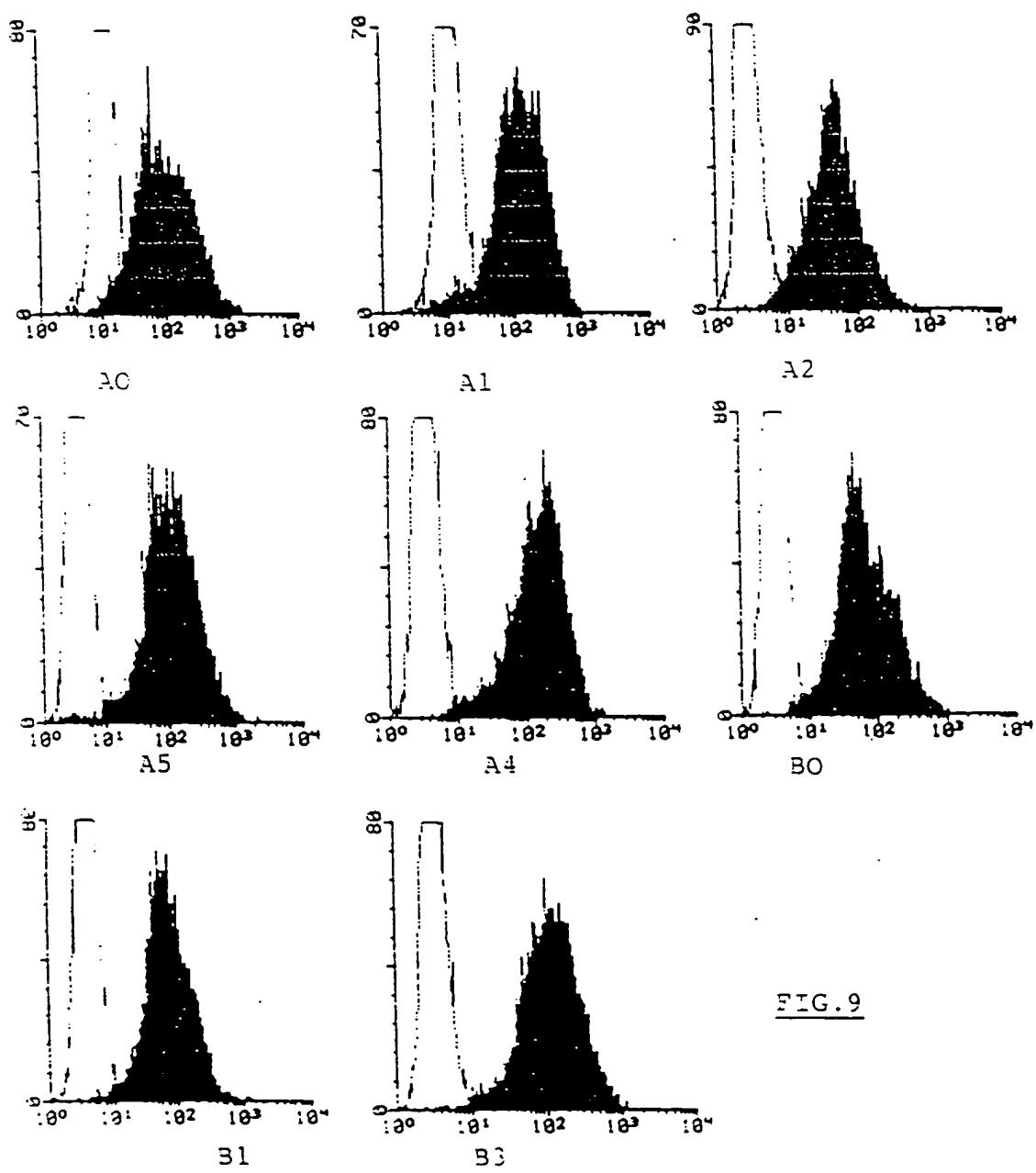


FIG. 9

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תודת מילוי - מילוי תודת

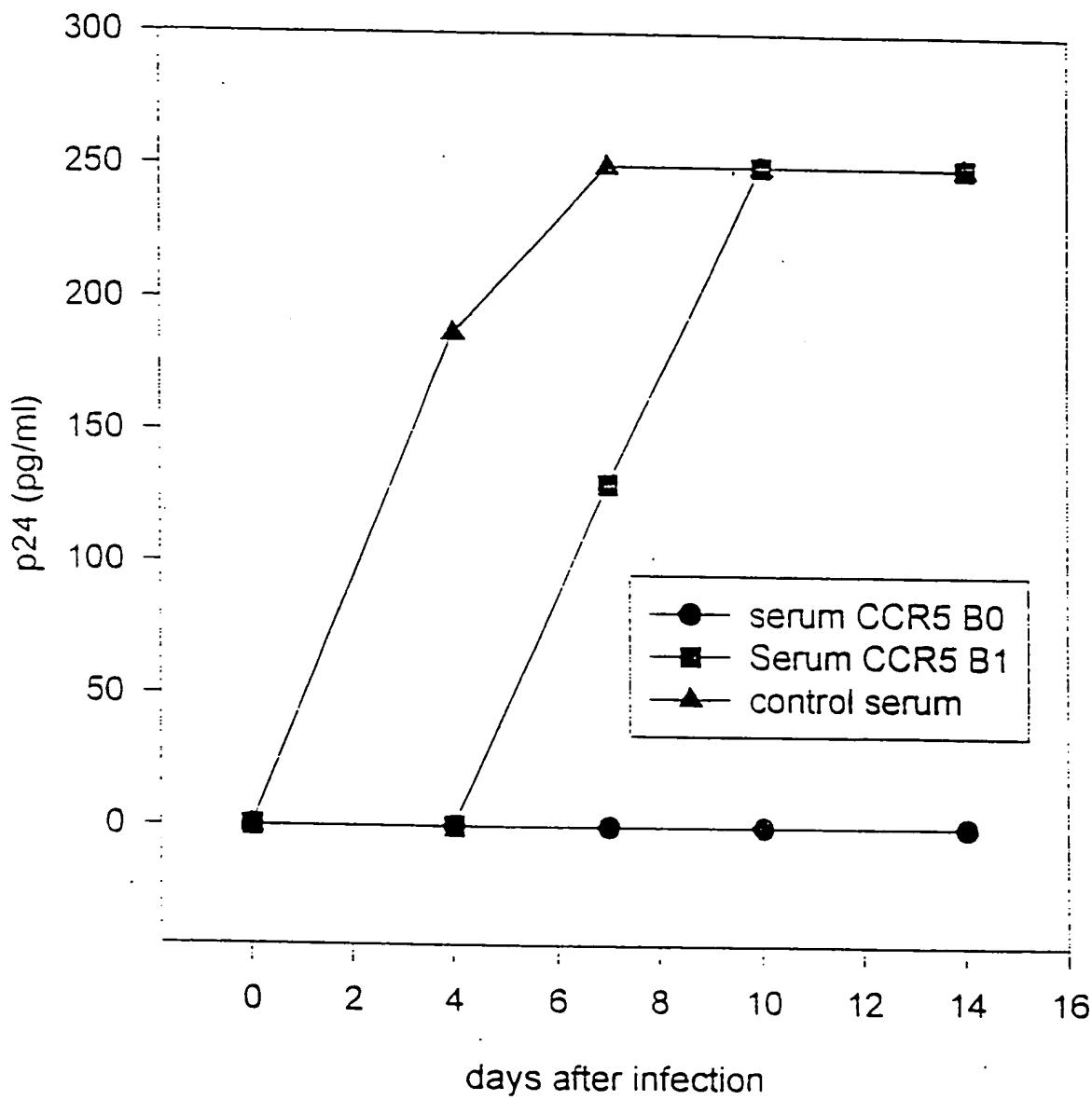


FIG.10